

CLAIMS

What is claimed is:

1. A firearm cartridge, comprising a casing including:
a generally cylindrical wall extending between a first end and an end member;
a hollow interior formed by said wall and said end member;
a thickened wall segment along said generally cylindrical wall adjacent said end member;
a projection extending from said thickened wall segment into said hollow interior, said projection being spaced from said end member to form a recess between said projection and said end member; and
priming composition in said recess.
2. The cartridge of claim 1, further comprising a flange extending radially outwardly from said cylindrical wall at said end member.
3. The cartridge of claim 2, wherein said flange is solid.
4. The cartridge of claim 1, further comprising a bullet connected to said casing opposite said end member.
5. The cartridge of claim 1, further comprising propellant in said hollow interior.
6. The cartridge of claim 1, wherein said projection forms an annular ring around said thickened wall segment.
7. The cartridge of claim 1, wherein said projection is connected with an inner surface of said thickened wall segment.
8. The cartridge of claim 1, wherein said projection is formed by deforming said generally cylindrical wall above said thickened wall segment.

9. The cartridge of claim 1, wherein said projection is formed by deforming said thickened wall segment.

10. A firearm cartridge, comprising a casing including:
a generally cylindrical wall extending between a first end and an end member;
a hollow interior formed by said wall and said end member;
a projection extending from said end member into said hollow interior, said projection being spaced from said generally cylindrical wall to form a recess therebetween; and
priming composition in said recess, wherein said projection is deformable to compress said priming composition in said recess between said projection and said wall.

11. The cartridge of claim 10, wherein said generally cylindrical wall includes a thickened wall segment adjacent said end member and said projection is deformable to compress said priming composition in said recess between said projection and said thickened wall segment.

12. The cartridge of claim 10, wherein said projection forms a concave surface in said end member.

13. The cartridge of claim 10, further comprising a flange extending radially outwardly from said wall at said end member.

14. The cartridge of claim 10, further comprising a bullet connected to the casing opposite at the end member.

15. The cartridge of claim 10, further comprising propellant in said hollow interior.

16. The cartridge of claim 10, wherein said recess is annular.

17. A firearm cartridge, comprising a casing including:
a generally cylindrical wall extending between a first end and an end member;
a hollow interior formed by said wall and said end member;
a thickened wall segment along said generally cylindrical wall adjacent said end member;

a priming composition receptacle in said hollow interior adjacent said end member and extending along said thickened wall segment;

a projection extending from said generally cylindrical wall into said hollow interior adjacent said receptacle to retain said receptacle in said hollow interior, said projection being spaced from said end member; and

priming composition in said receptacle.

18. The cartridge of claim 17, further comprising an anvil in said receptacle and engaged to said projection.

19. The cartridge of claim 17, wherein said anvil includes an inverted V shape.

20. The cartridge of claim 17, wherein said projection extends around said priming composition receptacle.

21. The cartridge of claim 17, wherein said projection is formed by deforming said generally cylindrical wall.

22. A firearm cartridge, comprising a casing including:
a generally cylindrical wall having a length extending between a first end and an end member;

a hollow interior formed by said wall and said end member;

a recess formed in said end member for receiving priming composition;

priming composition in said recess; and

a generally solid propellant pellet in said hollow interior, said pellet including an anvil portion positioned adjacent said priming composition, wherein said end member is deformable to compress said priming composition between said end member and said anvil portion of said pellet.

23. The cartridge of claim 22, wherein said anvil portion is integral with said propellant pellet.

24. The cartridge of claim 22, wherein said end member includes a reduced thickness portion adjacent said recess.

25. The cartridge of claim 22, further comprising grain propellant in said hollow interior around said propellant pellet.

26. A firearm cartridge, comprising:

a first casing portion having a generally cylindrical wall extending between a first end and an opposite anvil end, said anvil end having a raised portion along an end wall thereof;

a second casing portion having a cup shape and sized to receive said anvil end therein, said second casing portion including an end member and said raised portion is offset from said end member; and

priming composition between said anvil end and said end member.

27. The cartridge of claim 26, wherein said raised portion includes a vent hole in communication with said priming composition.

28. The cartridge of claim 26, wherein said second casing portion includes a generally cylindrical wall extending from said end member and said anvil end is radially inwardly offset for receipt in said generally cylindrical wall of said second casing portion.

29. The cartridge of claim 26, wherein said end wall of said anvil end includes a rim around said raised portion, said rim positionable adjacent said end member with priming composition therebetween.

30. A firearm cartridge, comprising:
a casing having a generally cylindrical wall extending between a first end and an opposite end member, said casing having a hollow interior and an anvil extending from said end member into said hollow interior;
a bullet attached at said first end, said bullet having an end face in said casing with a recess for receiving a priming composition, said end member deformable to move said anvil to compress said priming composition in said recess; and
propellant in said hollow interior.